Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
Data File : BG039248.D
Acq On : 22 Jan 2019 11:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/23/2019 10:42:39 AM

Quant Time: Jan 22 12:26:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19296	20.00	ng		-0.02
21) Naphthalene-d8	10.82	136	89938	20.00	ng		-0.02
39) Acenaphthene-d10	14.65	164	60229	20.00	ng		-0.02
64) Phenanthrene-d10	17.40	188	141557	20.00	ng		-0.02
76) Chrysene-d12	21.67	240	153481	20.00	ng		-0.04
87) Perylene-d12	24.92	264	164159	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	79210	77.87	ng		-0.02
7) Phenol-d6	7.17	99	121190	82.79	ng		-0.02
23) Nitrobenzene-d5	9.18	82	117420	71.44	ng		-0.03
42) 2,4,6-Tribromophenol	16.14	330	73117	72.42	ng		-0.02
45) 2-Fluorobiphenyl	13.27	172	361345	82.11	ng		-0.02
79) Terphenyl-d14	20.00	244	624858	75.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	14027	35.214	ng		97
3) Pyridine	3.85	79	41592	38.427	ng		95
4) n-Nitrosodimethylamine	3.77	42	19998	41.059	ng		93
6) Aniline	7.34	93	68496	38.961	ng		100
8) 2-Chlorophenol	7.57	128	47738	39.813	ng		96
9) Benzaldehyde	7.15	77	31278	37.050	ng		98
10) Phenol	7.20	94	60478	41.207	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	45037	40.150	ng		98
12) 1,3-Dichlorobenzene	7.89	146	54813	38.154	ng		98
13) 1,4-Dichlorobenzene	8.04	146	56091	38.551	ng		98
14) 1,2-Dichlorobenzene	8.36	146	54067	38.974	ng		97
15) Benzyl Alcohol	8.25	79	45895	41.631	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87768	40.805	ng		98
17) 2-Methylphenol	8.45	107	41866	41.081	ng		97
18) Hexachloroethane	9.08	117	19816	40.089	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	39125	40.700	ng		96
20) 3+4-Methylphenols	8.78	107	59424	40.898	ng		98
22) Acetophenone	8.84	105	81866	34.855	ng	#	99
24) Nitrobenzene	9.23	77	58618	35.284	ng		98
25) Isophorone	9.74	82	99704	35.216	ng		98
26) 2-Nitrophenol	9.94	139	32630	36.312	ng		100
27) 2,4-Dimethylphenol	9.99	122	44725	35.378	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	62420	36.684	ng		99
29) 2,4-Dichlorophenol	10.47	162	63709	40.564	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	69909	37.046	ng		96
31) Naphthalene	10.87	128	174714	38.732	ng		100
32) Benzoic acid	10.16	122	24675m	34.936	ng		
33) 4-Chloroaniline	10.99	127	77321	38.308	ng		98
34) Hexachlorobutadiene	11.13	225	50657	39.013	ng		97
35) Caprolactam	11.78	113	24315	38.608	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	69312	41.262	ng		92
37) 2-Methylnaphthalene	12.47	142	125058	36.978	ng		97
38) 1-Methylnaphthalene	12.70	142	120297	37.059	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	104933	46.391	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	56360	46.804	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	62798	44.112	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	65900	43.798	ng		97
46) 1,1'-Biphenyl	13.48	154	195504	40.965	ng		100
47) 2-Chloronaphthalene	13.53	162	156271	40.464	ng		99
48) 2-Nitroaniline	13.75	65	44371	41.010	ng		99
49) Acenaphthylene	14.38	152	225002	38.762	ng		99
50) Dimethylphthalate	14.10	163	192933	37.907	ng		100
51) 2,6-Dinitrotoluene	14.24	165	44143	38.793	ng		96
52) Acenaphthene	14.71	154	133368	38.240	ng		96
53) 3-Nitroaniline	14.58	138	44377	38.444	ng		94
54) 2,4-Dinitrophenol	14.78	184	31070	47.981	ng		97
55) Dibenzofuran	15.05	168	232385	37.727	ng		99
56) 4-Nitrophenol	14.88	139	29061	34.989	ng		97
57) 2,4-Dinitrotoluene	15.02	165	59569	36.489	ng	#	96
58) Fluorene	15.69	166	171353	36.958	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	53833	37.902	ng		99
60) Diethylphthalate	15.45	149	186769	35.616	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	106798	36.562	ng		97
62) 4-Nitroaniline	15.74	138	43444	36.127	ng		96
63) Azobenzene	15.97	77	149403	36.432	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	38328	36.547	ng		98
66) n-Nitrosodiphenylamine	15.90	169	163026	38.849	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	73120	40.184	ng		99
68) Hexachlorobenzene	16.69	284	78829	39.701	ng		98
69) Atrazine	16.84	200	66955	37.558	ng		94
70) Pentachlorophenol	17.04	266	50863	44.254	ng		98
71) Phenanthrene	17.44	178	285962	38.219	ng		99
72) Anthracene	17.53	178	292419	39.527	ng		100
73) Carbazole	17.81	167	282272	38.651	ng		100
74) Di-n-butylphthalate	18.34	149	319594	39.337	ng		99
75) Fluoranthene	19.45	202	398917	43.007	ng		99
77) Benzidine	19.63	184	178682	38.063	ng		99
78) Pyrene	19.81	202	380154	38.866	ng		99
80) Butylbenzylphthalate	20.68	149	167314	44.975	ng		99
81) Benzo(a)anthracene	21.65	228	367184	39.300	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	144155	37.868	ng		98
83) Chrysene	21.71	228	342870	38.585	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	214378	41.502	ng		95
85) Di-n-octyl phthalate	22.73	149	401002	45.911	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	406934	38.325	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	363366	40.143	ng		98
89) Benzo(k)fluoranthene	23.95	252	351968	39.328	ng	#	98
90) Benzo(a)pyrene	24.77	252	341014	38.977	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	335952	38.604	ng		99
92) Benzo(g,h,i)perylene	29.85	276	316859	36.778	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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